AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A compressible reactor for treating and disposing of a toxic chemical, said compressible reactor comprising:

a frangible container containing the toxic chemical;

a single use vessel for holding ~~a~~ the frangible container~~, containing the toxic chemical,~~ in a fixed position and for holding a volume for treatment chemical, said single use vessel having an upper compressible section and a lower treatment portion containing the fixed frangible container;

a cover fastened to said single use vessel;

a septum formed within said cover;

a compression support frame fixedly mounted with respect to said single use vessel;

a means for fixing the frangible container in the lower treatment portion, said means comprising a cradle positioned within said treatment portion;

a jack positioned on said cover, said jack being operative to extend between said cover and said compression support frame so that said compressible section of said vessel is compressed; and

an impact member fixed to said cover, wherein upon compression of said upper compressible section, said impact member approaches and breaks said fixed frangible container to release the toxic chemical into the lower treatment portion.

2. (canceled).

3. (previously presented): The compressible reactor of claim 1, wherein said frangible container is a glass ampoule.

4. (previously presented): The compressible reactor of claim 1, wherein said frangible container contains a chemical weapon material.

5. (canceled).

6. (currently amended): The compressible reactor of claim ~~5~~ 1, wherein said cradle contains penetrations to facilitate mixing of said toxic chemical and said treatment chemical.

7. (original): The compressible reactor of claim 1, wherein said cover includes a cover gasket.

8. (canceled).

9. (canceled).

10. (canceled).

11. (currently amended): method for treating a toxic chemical using a single use vessel having an upper compressible section and a lower treatment portion, said method comprising the steps of:

placing a frangible container containing the toxic chemical in ~~a~~ the lower treatment portion of said single use vessel so that said frangible container is fixed in said lower treatment portion and internally aligned with an impact member located on a cover of the single use vessel;

inserting a treatment chemical into said single use vessel;

sealing said single use vessel with said cover;

positioning a jack on said cover and operating ~~a~~ said jack so that a force is exerted upon said compressible section such that said compressible section is compressed and, by means of the compression, said impact member approaches and breaks said frangible container so that said treatment chemical is mixed with said toxic chemical; ~~and~~

shaking said single use vessel to facilitate mixing between said treatment chemical and said toxic chemical~~.~~; and

sampling said treatment chemical mixed with said toxic chemical through a septum formed within said cover.

12. (canceled).

13. (canceled).

14. (canceled).

15. (currently amended): A system for treating and disposing of a toxic chemical, said system comprising:

a frangible container containing the toxic chemical;

a single use vessel holding ~~a~~ the frangible container in a fixed position and ~~which contains said toxic chemical and said vessel~~ also holding a volume of treatment chemical, said single use vessel having ~~a~~ an upper compressible section and a lower treatment portion containing the fixed frangible container;

a cover fastened to said single use vessel;

a septum formed within said cover;

a compression support frame fixedly mounted with respect to said single use vessel;

a means for fixing the frangible container in the lower treatment portion, said means comprising a cradle positioned within said treatment portion;

a jack positioned on said cover, said jack being operative to extend between said cover and said compression support frame so that said compressible section of said vessel is compressed; and

an impact member fixed to said cover, wherein upon compression of said compressible section, said impact member breaks said frangible container and releases said toxic chemical to react with said treatment chemical.

16. (canceled).

17. (currently amended): A compressible reactor for treatment and disposing of a toxic chemical, said compressible reactor comprising:

a frangible container containing the toxic chemical;

a single use vessel for holding ~~a~~ the frangible container ~~containing a toxic chemical~~ and ~~for holding~~ a volume of treatment chemical, said single use vessel having an upper compressible section and a lower treatment portion ~~containing the fixed frangible container;~~

a cover fastened to said single use vessel;

a septum formed within said cover;

a compression support frame fixedly mounted with respect to said single use vessel;

a means for fixing the frangible container in the lower treatment portion said means comprising a cradle positioned within said treatment portion;

a jack positioned on said cover, said jack being operative to extend between said cover and said compression support frame so that said compressible section of said vessel is compressed; and

an impact member fixed to said cover, wherein upon compression of said upper compressible section, said impact member approaches and breaks said frangible container to release the toxic chemical.

18. (currently amended). A method for treating a toxic chemical using a single use vessel having an upper compressible section and a lower treatment portion, said method comprising the steps of:

placing a frangible container containing a toxic chemical in said single use vessel so that said frangible container is fixed in said lower treatment portion and internally aligned with an impact member located on a cover of the single use vessel;

inserting a treatment chemical into said single use vessel;

sealing said single use vessel with said cover;

positioning a jack on said cover and operating ~~a~~ the jack so that a force is exerted upon said compressible section such that said compressible section is compressed and said impact member, by means of the compression, approaches and breaks said frangible container so that said treatment chemical is mixed with said toxic chemical; ~~and~~

shaking said single use vessel to facilitate mixing between said treatment chemical and said toxic chemical~~,~~; and

sampling said treatment chemical mixed with said toxic chemical through a septum;

wherein said method is practiced using the compressible reactor of claim 1.